



THE CLAIMS

1. (original) A cordless window blind assembly comprising:

a headrail having a longitudinal axis extending between first and second ends thereof;

a first tube rotatably mounted between the first and second ends of said headrail;

a first motor coupled with said first tube for driving said first tube;

a second tube rotatably mounted between said first tube and the second end of said headrail;

a second motor coupled with said second tube for driving said second tube;

a bottom rail suspended below said headrail;

an intermediate rail suspended below said headrail and positioned between said headrail and said bottom rail;

a window covering material extending between said intermediate rail and said bottom rail;

a first lift cord having an upper end secured to said first tube and a lower end secured to said intermediate rail; and

a second lift cord having an upper end secured to said second tube and a lower end secured to said bottom rail, wherein said intermediate rail and said bottom rail are movable independently of one another.

2. (original) The assembly as claimed in claim 1, wherein said window covering material has an upper end attached to said intermediate rail and a lower end attached to said bottom rail.

3. (original) The assembly as claimed in claim 2, further comprising a second window covering material extending between said intermediate rail and said headrail.

4. (original) The assembly as claimed in claim 3, wherein said second window covering material has a different opacity than said first window covering material.

5. (original) The assembly as claimed in claim 1, further comprising:

a first guide coupled with said headrail and adapted to direct said first lift cord through a path including a first leg extending away from said first tube, a second leg extending away from said first tube and toward said second tube, and a third leg extending away from said second tube and toward said intermediate rail; and

a second guide coupled with said headrail and adapted to direct said second lift cord through a path including a first leg extending away from said second tube, a second leg extending away from said second tube and toward said first tube, and a third leg extending away from said first tube and toward said bottom rail.

6. (original) The assembly as claimed in claim 5, wherein the first leg of said first lift cord extends in a direction generally perpendicular to the longitudinal axis of said headrail, the second leg of said first lift cord extends in a direction generally parallel to the longitudinal axis of said headrail and the third leg of said first lift cord extends in a direction generally perpendicular to the longitudinal axis of said headrail, and

wherein the first leg of said second lift cord extends in a direction generally perpendicular to the longitudinal axis of said headrail, the second leg of said second lift cord extends in a direction generally parallel to the longitudinal axis of said headrail and the third leg of said second lift cord extends in a direction generally perpendicular to the longitudinal axis of said headrail.

7. (original) The assembly as claimed in claim 5, further comprising an insert rail connected to an underside of said headrail, said first guide including a first cradle connected to said headrail for supporting rotation of said first tube, said first cradle being positioned between the first leg and the second leg of said first lift cord path.

8. (original) The assembly as claimed in claim 7, wherein said insert rail includes a first eyelet, and wherein said first guide includes the first eyelet positioned between the second leg and the third leg of the path of said first lift cord.

9. (original) The assembly as claimed in claim 8, wherein said second guide includes a second cradle connected to said headrail for supporting rotation of said second tube, said second cradle being positioned between the first leg and the second leg of the path of said second lift cord.

10. (original) The assembly as claimed in claim 9, wherein said insert rail includes a second eyelet, and wherein said second guide includes the second eyelet positioned between the second leg and the third leg of said second lift cord path.

11. (original) The assembly as claimed in claim 1, further comprising:

a third lift cord having an upper end secured to said first tube and a lower end secured to said intermediate rail; and

a fourth lift cord having an upper end secured to said second tube and a lower end secured to said bottom rail.

12. (original) The assembly as claimed in claim 1, further comprising:

a first threaded support rod disposed in said headrail and being threadably coupled with an end of said first tube;

said first motor being a first spring motor disposed in said headrail and being coupled with said first tube for driving said first tube;

a second threaded support rod disposed in said headrail and being threadably coupled with an end of said second tube;

said second motor being a second spring motor disposed in said headrail and being coupled with said second tube for driving said second tube, wherein said first and second tubes

traverse between the first and second ends of said headrail when being driven by said respective first and second spring motors.

13. (cancelled)

14. (currently amended) A cordless window blind assembly comprising:

a headrail having a longitudinal axis extending between first and second ends thereof;

a tube rotatably mounted between the first and second ends of said headrail;

a motor coupled with said tube for driving said tube;

a bottom rail suspended below said headrail by first and second lift cords;

an intermediate rail suspended below said headrail and positioned between said headrail and said bottom rail;

a window covering material extending between said headrailintermediate rail and said bottom rail;

a first guide connected to said headrail and being adapted to direct said first lift cord through a path including a first leg extending away from said tube, a second leg extending away from a first end of said tube and toward a second end of said tube, and a third leg extending away from said tube, through said intermediate rail and toward said bottom rail; and

a second guide connected to said headrail and being adapted to direct said second lift cord through a path including a first leg extending away from said tube, a second leg extending away from the second end of said tube and toward the first end of said tube, and a third leg extending away from said tube, through said intermediate rail and toward said bottom rail, wherein said intermediate rail and said bottom rail are moveable independent of one another.

15. (cancelled)

16. (original) The assembly as claimed in claim 14, wherein the first leg of said first lift cord extends in a

direction generally perpendicular to the longitudinal axis of said headrail, the second leg of said first lift cord extends in a direction generally parallel to the longitudinal axis of said headrail and the third leg of said first lift cord extends in a direction generally perpendicular to the longitudinal axis of said headrail.

17. (original) The assembly as claimed in claim 14, wherein the first leg of said second lift cord extends in a direction generally perpendicular to the longitudinal axis of said headrail, the second leg of said second lift cord extends in a direction generally parallel to the longitudinal axis of said headrail and the third leg of said second lift cord extends in a direction generally perpendicular to the longitudinal axis of said headrail.

18. (original) The assembly as claimed in claim 14, wherein said first lift cord is secured to said tube adjacent the first end of said tube and said second lift cord is secured to said tube adjacent the second end of said tube.

19. (original) The assembly as claimed in claim 14, further comprising a threaded support rod disposed in said headrail adjacent one of the ends of said headrail, said threaded support rod being threadably coupled with one of the ends of said tube.

20. (cancelled)

21. (original) The assembly as claimed in claim 19, wherein said motor is a spring motor disposed in said headrail and being coupled with said tube for driving said tube, wherein said tube traverses between the first and second ends of said headrail when being driven by said spring motor.

22. (original) The assembly as claimed in claim 21, wherein said threaded support rod is disposed adjacent the first

end of said headrail and is threadably coupled with the first end of said tube, and wherein said spring motor is disposed adjacent the second end of said headrail and is coupled with the second end of said tube.

23-33. (cancelled)

34. (original) A window blind assembly comprising:  
a headrail having a longitudinal axis extending between first and second ends thereof;  
a tube rotatably mounted between the first and second ends of said headrail;  
a bottom rail suspended below said headrail;  
an intermediate rail suspended below said headrail and positioned between said headrail and said bottom rail;  
a window covering material extending between said intermediate rail and said bottom rail;  
a lift cord having an upper end secured to said tube and a lower end secured to said intermediate rail.

35. (original) The assembly as claimed in claim 34, further comprising a second window covering material extending between said headrail and said intermediate rail.

36. (original) The assembly as claimed in claim 35, wherein said second window covering material has a different opacity than said first window covering material.

37. (original) The assembly as claimed in claim 34, further comprising:  
a second tube rotatably mounted between said first tube and the second end of said headrail;  
a second lift cord having an upper end secured to said second tube and a lower end secured to said bottom rail, wherein said first and second tubes rotate independently of one another.

38. (original) The assembly as claimed in claim 37, further comprising:

a first guide connected with said headrail and adapted to direct said first lift cord through a path including a first leg extending away from said first tube, a second leg extending away from said first tube and toward said second tube, and a third leg extending away from said second tube and toward said intermediate rail; and

a second guide connected with said headrail and adapted to direct said second lift cord through a path including a first leg extending away from said second tube, a second leg extending away from said second tube and toward said first tube, and a third leg extending away from said first tube and toward said bottom rail.

39. (cancelled)

40. (original) The assembly as claimed in claim 34, wherein said window covering material has an upper end attached to said intermediate rail and a lower end attached to said bottom rail.

41. (original) The assembly as claimed in claim 34, further comprising:

a threaded support rod disposed in said headrail and being threadably coupled with an end of said tube; and

a spring motor disposed in said headrail and being coupled with said tube for driving said tube, wherein said tube traverses between the first and second ends of said headrail when being driven by said spring motor.

42. (original) The assembly as claimed in claim 37, further comprising:

a first threaded support rod disposed in said headrail and being threadably coupled with an end of said first tube;

a first spring motor disposed in said headrail and being coupled with said first tube for driving said first tube,

wherein said first tube traverses between the first and second ends of said headrail when being driven by said first spring motor.

a second threaded support rod disposed in said headrail and being threadably coupled with an end of said second tube;

a second spring motor disposed in said headrail and being coupled with said second tube for driving said second tube, wherein second tube traverses between the first and second ends of said headrail when being driven by said second spring motor.

43-49. (cancelled)